

Converting Colors

YIQ(104.7910, -0.3690, 12.1990)

Have a look what the booklet for
YIQ(104.7910, -0.3690, 12.1990)
contains.

YIQ(104.7910, -0.3690, 12.1990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(104.7910, -0.3690,
12.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	70617E
RGB	112, 97, 126
RGB Percent	44%, 38%, 49%
CMY	0.5607, 0.6196, 0.5059
CMYK	0.11, 0.23, 0.00, 0.51
HSL	271°, 13%, 44%
HSV	271°, 23%, 49%
XYZ	14.7235, 13.5001, 21.5664
YIQ	104.7910, -0.3690, 12.1990

Conversions

Conversions Part 2

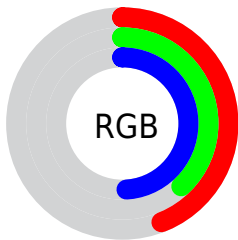
Format	Color
R_{YB}	112, 97, 126
Decimal	7364990
CIE _{Lab}	43.51, 12.03, -13.98
CIE _{LCh}	44, 18.449, 310.712
Yxy	13.5001, 0.2957, 0.2711
Android (android.graphics.Color)	4285555070 (0xFF70617E)
YUV	104.7910, 10.4560, 6.3223
Hunter-Lab	36.7425, 7.2293, -9.0812

Details

The YIQ color **104.7910, -0.3690, 12.1990** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.2090, 0.3690, -12.1990**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3180, -0.4150, 13.0330**, and **57.8510, -0.5980, 10.8420** is the 20% darker color. If you saturate the color by 10%, you get **95.3660, -0.3700, 17.7260**, and if you desaturate by 10%, it is **114.2160, -0.3680, 6.6720**.

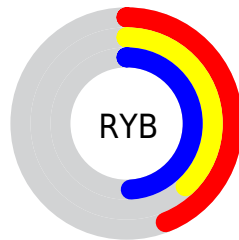
Distribution



Red (44%)

Green (38%)

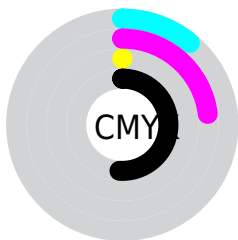
Blue (49%)



Red (44%)

Yellow (38%)

Blue (49%)

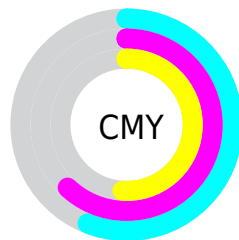


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (51%)



Cyan (56%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.7910, -0.3690, 12.1990 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 104.7910, -0.3690, 12.1990 by changing the saturation by 10% instead.

■ 104.7910, -0.3690,
12.1990

■ 104.7910, -0.3690,
12.1990

■ 255.0000, -0.0000,
-0.0000

■ 80.3780, -0.6440,
11.6760

■ 156.3180, -0.4150,
13.0330

■ 57.8510, -0.5980,
10.8420

■ 182.7310, -0.1400,
13.5560

■ 35.7370, -0.2770,
10.5310

■ 210.7310, -0.1400,
13.5560

■ 13.2750, 1.1440,
12.3120

■ 238.2320, 2.7030,
11.5910

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 104.7910, -0.3690,
12.1990

■ 104.7910, -0.3690,
12.1990

■ 95.3660, -0.3700,
17.7260

■ 114.2160, -0.3680,
6.6720

■ 86.5280, -0.6460,
22.7300

■ 123.0540, -0.0920,
1.6680

■ 77.1030, -0.6470,
28.2570

■ 132.4790, -0.0910,
-3.8590

■ 68.2650, -0.9230,
33.2610

■ 141.3170, 0.1850,
-8.8630

■ 58.8400, -0.9240,
38.7880

■ 150.7420, 0.1860,
-14.3900

■ 49.4150, -0.9250,
44.3150

■ 160.1670, 0.1870,
-19.9170

■ 40.2780, -1.7970,
49.1070

■ 169.3040, 1.0590,
-24.7090

■ 33.7990, -1.7060,

■ 178.7290, 1.0600,

52.9660

-30.2360

 187.5670, 1.3360,
-35.2400

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



102.2450, -16.5070, 7.3090



104.7910, -0.3690, 12.1990



105.4460, 13.8440, 13.4280

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



104.7910, -0.3690, 12.1990



102.7390, 22.6040, -2.1640



95.4090, -29.4330, -11.7450

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



104.7910, -0.3690, 12.1990



118.2090, 0.3690, -12.1990

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.7710, -15.9530, -13.7530



104.7910, -0.3690, 12.1990



101.6620, 12.3350, -8.7930

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



104.7910, -0.3690, 12.1990



104.2220, 25.8580, 4.9460



99.6110, -0.8230, -12.6230



95.8200, -34.8440, -7.2920

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



104.7910, -0.3690, 12.1990



105.2140, 20.3090, 11.9010



99.6110, -0.8230, -12.6230



96.0350, -25.4440, -12.4520

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



104.7910, -0.3690, 12.1990



155.0480, 0.0450, 4.6930



108.5240, -13.1590, 1.6970



76.6950, -0.4590, 2.8130



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104.7910, -0.3690, 12.1990



130.0070, -0.7370, 18.8710



108.9770, 7.9750, 15.1670



58.9940, 0.1370, 3.0250



34.3260, -1.7520, 53.8000



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



107.2670, 12.7900, 10.5020



133.9630, 19.7580, 16.3820



114.0230, -7.9750, -15.1670



59.4350, 3.2090, 2.4170



45.2260, 56.7070, 46.1070



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 104.7910, -0.3690, 12.1990 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 104.7910, -0.3690, 12.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

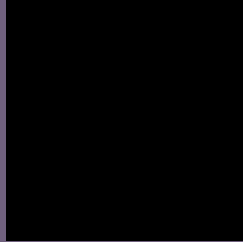
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 104.7910, -0.3690, 12.1990

Background



This preview shows how black text looks on a background with the YIQ color 104.7910, -0.3690, 12.1990.



This preview shows how white text looks on a background with the YIQ color 104.7910, -0.3690,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

104.7910, -0.3690, 12.1990

Protanopia

103.2840, -12.2430, 7.1250

Deuteranopia

104.0350, -7.1080, 7.6760



Tritanopia

103.6030, 2.7960, 4.3960

Trichromacy



Original Color

104.7910, -0.3690, 12.1990

Protanomaly

103.7900, -7.7960, 9.1320

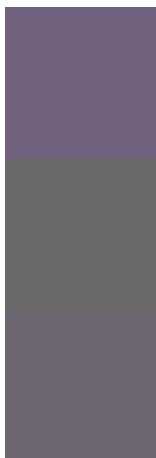
Deuteranomaly

104.6440, -4.4490, 9.0470

Tritanomaly

104.1130, 1.4200, 7.3080

Monochromacy



Original Color

104.7910, -0.3690, 12.1990

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0480, 0.0450, 4.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.7910, -0.3690, 12.1990 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(112, 97, 126)` looks like.

```
.text, #text, p{  
    color:rgb(112, 97, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(112, 97, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 97, 126) }
```

Border

The CSS property to change the border of an element to YIQ 104.7910, -0.3690, 12.1990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 97, 126) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(112, 97, 126) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(112, 97, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 97, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 97, 126);  
box-shadow:4px 4px 4px 4px rgb(112, 97,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 104.7910, -0.3690, 12.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 97, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(112, 97,  
126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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